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FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

AUG 20 1992

Dockets
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IN REPLY REFER TO:

CN9202343

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AUG 28 1992

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Honorable Daniel P. Moynihan
United States Senator
405 Lexington Avenue, First Floor
New York, NY 10174

Dear Senator Moynihan:

Thank you for your letter on behalf of your constituent, Donald L. Schilling, President of SCS Mobilecom Inc., regarding the Commission's "emerging technologies" proceeding, ET Docket No. 92-9. Mr. Schilling expresses support for the Commission's proposal to provide spectrum for emerging technologies and urges that the proceeding not be delayed.

U.S. technological leadership and competitiveness is a driving force in the Commission's efforts to identify and allocate spectrum for new technologies. The primary issue before the Commission is finding ways to strike a balance in spectrum allocation policies that will accommodate new technologies while ensuring that existing users can maintain and enhance the quality of their present operations. The Commission is committed to finding a way to accommodate these competing interests in the emerging technologies proceeding.

The Commission recently adopted two proposals that address these issues. On July 16, 1992, the Commission adopted a Notice of Proposed Rule Making in the Personal Communications services (PCS) proceeding, GEN Docket No. 90-314, to allocate portions of the 2 GHz band for PCS if this band is allocated for emerging technologies in ET Docket No. 92-9. Additionally, on August 5, 1992, at the request of existing 2 GHz licensees and equipment manufacturers, the Commission adopted a Further Notice of Proposed Rule Making in ET Docket No. 92-9, proposing specific regulations to facilitate access by the incumbent 2 GHz licensees to the bands above 3 GHz. I have enclosed copies of the press releases for these actions.

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Honorable Daniel P. Moynihan

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Please be assured that before the Commission makes a final decision in these proceedings we will carefully consider the views of your constituent. In this regard, I am making his letter part of the record in ET Docket No. 92-9.

Sincerely,

A handwritten signature in cursive script, reading "Thomas P. Stanley". The signature is written in dark ink and is positioned to the right of the word "Sincerely,".

Thomas P. Stanley
Chief Engineer

Enclosures



FEDERAL COMMUNICATIONS COMMISSION
FIELD OPERATIONS BUREAU

July 24, 1992

201 Varick Street
New York, NY 10014-4870
(212)-620-3437

OET

90-314

2343

The Honorable Daniel P. Moynihan
United States Senate
405 Lexington Avenue
41st Floor
New York, NY 10174

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JUL 28 1992

LEGISLATIVE AFFAIRS
DATA

Attention: Deborah A. Famighette

Dear Senator Moynihan:

Thank you for contacting our office on behalf of your constituent, Mr. Donald L. Schilling, President, SCS Mobilecom, Inc. He is concerned about the proposed frequency allocation plan for personal communication services.

Your inquiry is being forwarded to the Chief, Public Service Division for coordination with the appropriate staff at our headquarters office in Washington, DC. You should receive a response within the next 30 days.

Sincerely,

Alexander J. Zimny
Engineer in Charge

sb



Mobilecom, Inc.

June 1, 1992

United State Senator
Daniel P. Moynihan
405 Lexington Avenue - 41st Floor
New York, New York 10174
ATTN: Mrs. Debbie Famighetti

Dear Senator Moynihan:

SCS Mobilecom Inc, a woman-owned, small business located in Port Washington, New York, is a leader in the field of wireless mobile communication technology.

We have taken a digital technology, spread spectrum, which has been previously used in military communications systems due to its ability to operate without detection by an enemy and because of its ability to be extremely resistant to jamming by the enemy, and adapted its use to the commercial marketplace to provide wired line quality with wireless convenience.

As your are aware, the FCC is proposing the use of the frequency band of 1800-2200 MHz for emerging technologies, such as ours, which we call Broadband-CDMA (B-CDMA). B-CDMA would be used to provide personal communications services (PCS) so that the same phone can be used in the home, on the street, in the car and in the office. We have also developed a PCS system that would permit poor people, who currently have no wired line connection to their apartment, to have a wireless phone, which could operate on the debit system, allowing them to receive as well as to initiate a phone call.

The radio frequency spectrum is extremely congested and the frequency band selected by the FCC is currently being used by a very few, fixed, microwave users. Our B-CDMA technology will allow PCS users to share the frequency band with these fixed microwave users without interference to users of either system.

These benefits have been described in written reports to the FCC and in discussions with the FCC engineers and Commissioners.

Some of the organizations representing the fixed microwave users have complained to Senator E. Hollings, stating that it is possible that, on occasion, PCS users might interfere with the fixed microwave service. As a result Senator Hollings is holding hearings this week on the subject. Unfortunately, I have not been

Daniel P. Moynihan
June 1, 1992
Page Two

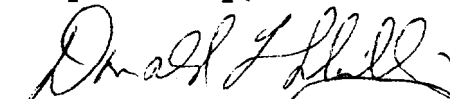
asked to testify. However, I have sent Senator Hollings my FCC report (attached) which shows that with our technology we insure that the fixed microwave users will not receive excessive interference and that the PCS systems will power down if ever there is a possibility of the fixed microwave service being interfered with. (The possibility of such an occurrence might be 20 seconds a year).

I am writing to you because this technology is important to Nassau County, New York State and to our Country. We have a two year head start on Europe and Asia. Engineers in these countries are working feverishly to reach our state of development. If delays in the FCC spectral allocation continue, it will give our foreign competitors time to catch up and once again we will be buying from them rather than vice versa.

SCS urges you to become involved in helping Chairman Sykes put America first once again in the field of telecommunications.

Thank you.

Respectfully,



Donald L. Schilling
President

DLS:rh

Attachment (1)